WHAT IS CLAIMED IS:

1. A reproduction protection method comprising:

attaching medium protection data, which are specific to a data medium, to main data which represent an original signal, and conveying said medium protection data and main data by said data medium;

supplying said main data and medium protection data via said data medium to a reproduction apparatus;

generating apparatus protection data which are specific to said reproduction apparatus, within said reproduction apparatus;

determining a protection level by combining the medium protection data and the apparatus protection data; and

controlling said reproduction apparatus to utilize said main data to reproduce said original signal in accordance with said protection level.

2. A reproduction apparatus providing reproduction protection, for operating on main data which are conveyed by a data medium and represent an original signal and on medium protection data which are specific to said data medium and are conveyed by said data medium, the apparatus comprising:

means for generating apparatus protection data which

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are specific to said reproduction apparatus;

means for defining a protection level based on said medium protection data and apparatus protection data in combination; and

means for executing reproduction of said original signal by utilizing said main data, including means for selectively restricting said reproduction in accordance with said protection level.

3. A reproduction apparatus providing reproduction protection, for operating on main data which are conveyed by a data medium and represent an original signal and on medium protection data which are specific to said data medium and are conveyed by said data medium, the apparatus comprising:

means (10, 11) for detecting said medium protection data to obtain a medium protection signal expressing said medium protection level;

means (12) for generating an apparatus protection signal expressing an apparatus protection level which has been assigned to said reproduction apparatus;

means (13) responsive to said medium protection signal and apparatus protection signal for determining a final protection level in accordance with a combination of said medium protection level and apparatus protection

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level, and generating a final protection level signal expressing said final protection level;

means (15) for utilizing said main data to execute reproduction of said original signal, including means (14) responsive to said final protection level signal for selectively restricting said reproduction in accordance with said final protection level.

- 4. A reproduction apparatus according to claim 3, wherein said main data are conveyed by said data medium after having been compressed and encoded, wherein said reproduction apparatus includes means (15a, 15b, 15c) for decoding and means for decompressing said main data, and wherein said means for selectively restricting reproduction of the original signal comprise means for controlling at least one of said decoding means and said decompressing means in accordance with said final protection level.
- 20 5. A reproduction apparatus according to claim 3, wherein said main data comprise video data which are conveyed by said data medium after having been compressed by applying a transform operation upon each of fixed-size blocks of pixel values within each frame of a video signal, wherein said decompressing means includes means

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(15c) for applying an inverse transform operation, and wherein said means for selectively restricting reproduction of the original signal serves to selectively eliminate specific ones of a plurality of transform coefficients utilized in executing said inverse transform operation.

- 6. A reproduction apparatus according to claim 3, wherein said main data are conveyed by said data medium after having been compressed, quantized and encoded, wherein said reproduction apparatus includes means (15b) for dequantizing said main data, and wherein said means for selectively restricting reproduction of the original signal comprise means for controlling said dequantizing means in accordance with said final protection level.
- 7. A reproduction apparatus according to claim 3, wherein said means for selectively restricting reproduction of the original signal comprise means (52, 62) for periodically omitting selected portions of said main data from use by said reproduction control means in reproducing said original signal.
- 8. A reproduction apparatus according to claim 7, wherein each of said selected portions comprises at least

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one digital data sample.

- 9. A reproduction apparatus according to claim 7, wherein said main data express a digital video signal, and wherein each of said selected portions comprises at least one video signal frame.
- 10. A reproduction apparatus according to claim 3, wherein said means for selectively restricting

 10 reproduction of the original signal comprises gradation control means (51, 63) for selectively varying a number of signal amplitude gradations which can be expressed by each data sample of said main data.
- 11. A reproduction apparatus according to claim 3,
 wherein said means for selectively restricting
 reproduction of the original signal comprises
 controllable digital low-pass filter means (61) for
 filtering said main data, to thereby controllably vary a
 20 bandwidth of a reproduced original signal obtained from
 said apparatus.
 - 12. A reproduction apparatus according to claim 3, wherein said medium protection data specify a medium protection level and protection position information, and

wherein said protection position information specifies a portion of said main data which is to subjected to reproduction restriction in accordance with said final protection level.

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- 13. A reproduction apparatus according to claim 12, wherein said main data comprise a digital video signal, and wherein said protection position information specifies at least one region within each of a plurality of frames of said video signal.
- 14. A reproduction apparatus according to claim 3, further comprising protection severity modification means, operable for modifying said final protection level which is determined by said combination of medium protection data and apparatus protection data, to obtain a modified final protection level.
- wherein said severity modification means comprise a manually operable switch (31) provided on said reproduction apparatus, and severity modification circuit means (30) coupled to said switch and coupled to receive a signal representing said final protection level, for modifying said final protection level in accordance with

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a setting position of said switch and thereby producing an output signal expressing a modified final protection level.

16. A reproduction apparatus according to claim 15, wherein said final protection level has a value which defines one of a plurality of successively increasing degrees of restriction of reproduction of said original signal, extending between a minimum and a maximum degree of restriction, and wherein said severity modification means is responsive to a change in said setting position of the switch for changing only said minimum degree of restriction.

17. A data medium for transferring main data representing an original signal to a reproduction apparatus, to reproduce said original signal by said reproduction apparatus, wherein said data medium further transfers medium protection data which are specific to said data medium and wherein said reproduction apparatus generates apparatus protection data which are specific to said reproduction apparatus, said medium protection data and apparatus protection data in combination specifying a degree of restriction on said reproduction of the original signal by said reproduction apparatus.

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